

Education

2017 - present	Assistant Professor Emergency Medicine, School of Medicine University of California, Davis
2016 - 2017	Postdoctoral Scholar Epidemiology, School of Public Health University of California, Berkeley K99, National Institute on Drug Abuse
2014 - 2016	Health and Society Scholar Robert Wood Johnson Foundation University of California, San Francisco University of California, Berkeley Advisors: Jennifer Ahern, Maria Glymour, Mark van der Laan
2014	Postdoctoral Fellow Department of Mental Health Johns Hopkins School of Public Health, Baltimore, MD Drug Dependence and Epidemiology Advisor: Elizabeth Stuart
2010-2014	Ph.D. Epidemiology Johns Hopkins University, Bloomberg School of Public Health Concentration in Methods Advisor: Thomas Glass Thesis: Mental health in context: effect heterogeneity and mechanism in the relationship between neighborhood disadvantage and adolescent depression and anxiety.
2012-2013	M.H.S. Biostatistics Johns Hopkins University, Bloomberg School of Public Health Advisor: Elizabeth Stuart Thesis: Implementation of methods to estimate population marginal treatment effects in the presence of non-randomized treatment assignment and informative selection from a population-based sample.
2007-2008	M.P.H. Johns Hopkins University, Bloomberg School of Public Health Capstone: Evaluation design for a study using community health workers to improve breastfeeding rates among adolescent African American women in East Baltimore.
2006	Graduate course in biostatistics University of Pennsylvania
2001-2005	B.S. Biochemistry University of Michigan Highest honors Thesis: Actin-regulatory proteins $p116^{RIP}$ and <i>LIMK2</i> interact with POSH.

Publications

Published

- [1] K. E. Rudolph, O. Sofrygin, N. M. Schmidt, R. Crowder, M. M. Glymour, J. Ahern, and T. L. Osypuk, “Mediation of neighborhood effects on adolescent substance use by the school and peer environments in a large-scale housing voucher experiment,” *Epidemiology*, In Press, 2017.
- [2] K. E. Rudolph, O. Sofrygin, W. Zheng, and M. J. van der Laan, “Robust and flexible estimation of data-dependent stochastic mediation effects: a proposed method and example in a randomized trial setting,” *Epidemiologic Methods*, In Press, 2017.
- [3] K. E. Rudolph, N. M. Schmidt, R. Crowder, J. Galin, M. M. Glymour, J. Ahern, and T. L. Osypuk, “Composition or context: using transportability to understand drivers of site differences in a large-scale housing experiment,” *Epidemiology*, In Press, 2017. DOI: 10.1097/EDE.0000000000000774.
- [4] K. E. Rudolph and E. A. Stuart, “Using sensitivity analyses for unobserved confounding to address covariate measurement error in propensity score methods,” *American Journal of Epidemiology*, In Press, 2017. DOI: 10.1093/aje/kwx248.
- [5] K. E. Rudolph and M. J. van der Laan, “Robust estimation of encouragement-design intervention effects transported across sites,” *Journal of the Royal Statistical Society Series B Statistical Methodology*, vol. 79, no. 5, pp. 1509–1525, 2017.
- [6] E. C. Matthay, J. Galin, K. E. Rudolph, K. Farkas, G. Wintemute, and J. Ahern, “Gun shows and firearm deaths and injuries in california: a quasi-experimental study of within-state and interstate associations,” *Annals of Internal Medicine*, In Press, 2017. DOI: 10.7326/M17-1792.
- [7] R. M. C. Kagawa, A. Castillo-Carniglia, J. S. Vernick, D. Webster, A. Shev, C. Crifasi, K. E. Rudolph, M. Cerda, and G. J. Wintemute, “Repeal of comprehensive background check policies and firearm homicide,” *Epidemiology*, In Press, 2017.
- [8] A. Vable, M. Kiang, S. Basu, K. Rudolph, I. Kawachi, S. Subramanian, and M. Glymour, “Military service, childhood socioeconomic status, and late life lung function: korean war era military service associated with smaller disparities,” *Military Medicine*, In Press, 2017.
- [9] D. E. Goin, K. E. Rudolph, and J. Ahern, “Drought and crime in california,” *Plos ONE*, vol. 12, no. 10, e0185629, 2017.
- [10] Y. Webb-Vargas, K. E. Rudolph, D. Lenis, P. Murakami, and E. A. Stuart, “An imputation-based solution to using mismeasured covariates in propensity score analysis,” *Statistical Methods in Medical Research*, vol. 26, no. 4, pp. 1824–1837, 2017.
- [11] K. E. Rudolph, K. Colson, E. A. Stuart, and J. Ahern, “Optimally combining propensity score subclasses,” *Statistics in Medicine*, vol. 35, no. 27, pp. 4937–4947, 2016.
- [12] K. E. Rudolph, B. N. Sánchez, E. A. Stuart, B. Greenberg, K. Fujishiro, G. S. Wand, S. Shrager, T. Seeman, A. V. D. Roux, and S. H. Golden, “Job strain and the cortisol diurnal cycle in mesa: accounting for between-and within-day variability,” *American journal of epidemiology*, vol. 183, no. 5, 497506, 2016.

- [13] M. M. Glymour and K. E. Rudolph, “Causal inference challenges in social epidemiology: bias, specificity, and imagination,” *Social Science & Medicine*, vol. 166, no. 5, pp. 258–265, 2016.
- [14] H. Hong, K. E. Rudolph, and E. A. Stuart, “Bayesian approach for addressing differential covariate measurement error in propensity score methods,” *Psychometrika*, In press, 2016. DOI: 10.1007/s11336-016-9533-x.
- [15] K. E. Colson, K. E. Rudolph, S. C. Zimmerman, D. E. Goin, E. A. Stuart, M. van der Laan, and J. Ahern, “Optimizing matching and analysis combinations for estimating causal effects,” *Scientific reports*, vol. 6, 2016.
- [16] J. A. Casey, P. James, K. E. Rudolph, C.-D. Wu, and B. S. Schwartz, “Greenness and birth outcomes in a range of pennsylvania communities,” *International journal of environmental research and public health*, vol. 13, no. 3, p. 311, 2016.
- [17] J. M. Torres, C Alcantara, K. E. Rudolph, and E. A. Viruell-Fuentes, “Cross-border ties as sources of risk and resilience: do cross-border ties moderate the relationship between immigration-related stress and psychological distress for latino migrants in the us?” *Journal of health and social behavior*, vol. 57, no. 4, pp. 436–452, 2016.
- [18] K. E. Rudolph and W. W. Eaton, “Previous anxiety and depression as risk factors for early labour force exit,” *Journal of Epidemiology and Community Health*, vol. 70, no. 4, pp. 390–395, 2016.
- [19] K. E. Rudolph, E. A. Stuart, J. S. Vernick, and D. W. Webster, “Association between connecticut’s permit-to-purchase handgun law and homicides,” *American Journal of Public Health*, vol. 105, no. 8, e49–54, 2015.
- [20] D. Paksarian, K. E. Rudolph, J. P. He, and K. R. Merikangas, “School start time and adolescent sleep patterns: results from the u.s. national comorbidity surveyadolescent supplement,” *American Journal of Public Health*, vol. 105, no. 7, pp. 1351–1357, 2015.
- [21] B. Hadley, K. E. Rudolph, M. Mogul, and D. F. Perry, “Providing home visiting to high-risk pregnant and postpartum families: the development and evaluation of the momobile program,” *Zero to Three*, vol. 35, no. 2, pp. 40–48, 2014.
- [22] K. E. Rudolph, I. Diaz, M. Rosenblum, and E. A. Stuart, “Estimating population treatment effects from a survey sub-sample,” *American Journal of Epidemiology*, vol. 180, no. 7, pp. 737–748, 2014.
- [23] K. E. Rudolph, E. A. Stuart, T. A. Glass, and K. R. Merikangas, “Neighborhood disadvantage in context: the influence of urbanicity on the association between neighborhood disadvantage and adolescent emotional disorders,” *Social Psychiatry and Psychiatric Epidemiology*, vol. 49, no. 3, pp. 467–475, 2014.
- [24] K. E. Rudolph, W. Gary S, E. A. Stuart, T. A. Glass, A. H. Marques, R. Duncko, and K. R. Merikangas, “The association between cortisol and neighborhood disadvantage in a us population-based sample of adolescents,” *Health & Place*, vol. 25, pp. 68–77, 2014.
- [25] K. E. Rudolph, J. Lessler, R. M. Moloney, B. Kmush, and D. A. Cummings, “Incubation periods of mosquito-borne viral infections: a systematic review,” *The American Journal of Tropical Medicine and Hygiene*, vol. 90, no. 5, pp. 882–891, 2014.

- [26] K. E. Rudolph, T. A. Glass, R. M. Crum, and B. S. Schwartz, “Neighborhood psychosocial hazards and binge drinking among late middle-aged adults,” *Journal of Urban Health*, vol. 90, no. 5, pp. 970–982, 2013.
- [27] R. M. Lee, J. Lessler, R. A. Lee, K. E. Rudolph, N. G. Reich, T. M. Perl, and D. A. Cummings, “Incubation periods of viral gastroenteritis: a systematic review,” *BMC Infectious Diseases*, vol. 13, no. 1, p. 446, 2013.
- [28] A. S. Azman, K. E. Rudolph, D. A. Cummings, and J. Lessler, “The incubation period of cholera: a systematic review,” *Journal of Infection*, vol. 66, no. 5, pp. 432–438, 2013.

Under Review

- 29. Ahern J, Matthay EC, Goin DE, Farkas K, Rudolph KE. Spikes in community violence increase deaths and hospital visits due to stress-responsive diseases.
- 30. Diamond-Smith, NA and Rudolph KE. The association between uneven sex ratios and violence: Evidence From 6 Asian Countries.
- 31. Georgiades K, Paksarian D, Rudolph KE, Merikangas KR. Prevalence of mental disorder and service use by immigrant generation and race/ethnicity among U.S. adolescents.
- 32. Goin DE, Rudolph KE, Ahern J. Predictors of community firearm violence.
- 33. Torres JM, Rudolph KE, Sofrygin O, Glymour MM, Wong R. Longitudinal associations between having an adult child migrant and depressive symptoms among older adults in the Mexican Health and Aging Study.
- 34. Kagawa RMC, Cerda M, Rudolph KE, Pear VA, Keyes KM, Wintemute GJ. Firearm involvement in violent victimization and mental health.

Grants and Fellowships

Current

Mechanisms underlying differential effects of neighborhood poverty on problematic adolescent drug use (Rudolph)

Role on Project: Principal Investigator

Dates: August 1, 2016 – July 31, 2018

Funding Agency: National Institute on Drug Abuse; K99DA042127

Funding: \$308,828

Description: The major goals of this research are to: 1) advance understanding of how neighborhood and school act together to influence problematic drug use among adolescents, including how these mechanisms differ across adolescent subgroups and places, and 2) develop a flexible statistical method to predict intervention mechanism effects in new target populations, taking into account population composition.

The health and social consequences of national marijuana legalization (Cerdeira)

Role on Project: Co-Investigator

Dates: July 1, 2016 – June 30, 2020

Funding Agency: National Institute on Drug Abuse; R01DA040924

Funding: \$260,182

Description: This is a pre/post commercial and non-commercialization (regulation) of marijuana that compares changes in marijuana use, use of other drugs, and increased fatalities between intervention and control sites.

Antimicrobial Resistant E.coli before and after CA SB 27(ARES): A natural experiment (Tartoff)

Role on Project: Co-Investigator

Dates: May 9, 2017 – April 30, 2022

Funding Agency: National Institute of Environmental Health Sciences

Funding: \$109,388

Description: The major goal of this project is to estimate the extent to which a statewide policy to reduce antibiotic use in livestock production affects antibiotic-resistant infections in humans. My responsibility will be to advise on the statistical design and analysis for one of the aims.

Preventing firearm violence: An evaluation of urban blight removal in high risk communities (Kagawa)

Role on Project: Co-Investigator

Dates: January 1, 2018 – December 31, 2019

Funding Agency: National Institute of Justice

Funding: \$351,523

Description: Longitudinal, observational study to identify the impact that demolishing or rehabilitating vacant and decaying buildings in urban areas has on firearm violence and other crimes and to examine the heterogeneity of effects by neighborhood and property type in order to estimate the context in which these property interventions may have the most impact on firearm violence and other crimes.

Pending

Mechanisms linking neighborhood poverty to problematic adolescent drug use (Rudolph)

Role on Project: Principal Investigator

Dates: August 1, 2018 – July 31, 2021

Funding Agency: National Institute on Drug Abuse

Funding: \$745,872

Description: The major goals of this research are to: 1) advance understanding of how neighborhood and school act together to influence problematic drug use among adolescents, including how these mechanisms differ across adolescent subgroups and places, and 2) develop a flexible statistical method to predict intervention mechanism effects in new target populations, taking into account population composition.

Causal mediation methods for studying mechanisms in mental health (Stuart)

Role on Project: Consultant

Dates: October 1, 2017 – August 31, 2021

Funding Agency: National Institute of Mental Health

Funding: \$32,000

Description: The goals of the proposed project are to extend causal mediation methods to common data structures in mental health research, and to disseminate the existing and new methods to mental health researchers, including providing guidance to facilitate adoption and appropriate use.

Impacts of community violence on substance use and mental disorders (Ahern)

Role on Project: Co-Investigator

Dates: April 1, 2018 – March 31, 2023

Funding Agency: National Institute on Drug Abuse

Funding: \$3,152,686 (total)

Description: The goal of this project is to determine the effects of overall levels of community violence and acute changes in community violence on substance use, mental disorders, and hospitalization costs statewide in California.

Examining the synergistic effects of cannabis and prescription opioid policies on chronic pain, opioid prescribing, and opioid overdose (Cerdeira, Martins)

Role on Project: Co-Investigator

Dates: January 1, 2018 – December 31, 2019

Funding Agency: National Institute on Drug Abuse

Funding: \$94,847

Description: The goal of this project is to examine the extent to which various measures of opioid use, abuse, overdose, and disorders are affected by the enactment of more restrictive prescription opioid policies and less restrictive cannabis laws.

Completed Fellowships

Robert Wood Johnson Foundation Health & Society Scholar

Dates: September 1, 2014 – July 31, 2016

Funding Agency: Robert Wood Johnson Foundation

Site: University of California, San Francisco and University of California, Berkeley

Drug Dependence Epidemiology Training Fellow

Dates: February 16, 2014 – August 31, 2014

Funding Agency: National Institute on Drug Abuse

Site: Johns Hopkins University, Bloomberg School of Public Health, Department of Mental Health

Sommer Scholar

Dates: September 1, 2012 – February 15, 2014

Funding Agency: Johns Hopkins University, Bloomberg School of Public Health

Site: Johns Hopkins University, Bloomberg School of Public Health, Department of Epidemiology

Intramural Research Training Award Fellow

Dates: September 1, 2010 – August 31, 2012

Funding Agency: National Institute of Mental Health

Site: Johns Hopkins University, Bloomberg School of Public Health, Department of Epidemiology

Awards

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| 2014 | Student Paper Award—American Statistical Association, Social Statistics/Government/ Survey Research Methods Sections |
| 2008 | Delta Omega Honor Society—Johns Hopkins School of Public Health |

Presentations and Posters (first author only)

- 2017 Rudolph KE, Sofrygin O, van der Laan MJ. Robust and flexible estimation of stochastic mediation effects: a proposed method and example in a randomized trial setting. Oral presentation at the Society for Epidemiologic Research Conference, Seattle, WA.
- 2016 Rudolph KE. Understanding site differences in the effects of the Moving to Opportunity Study on adolescent outcomes. Oral presentation at the Joint Statistical Meetings, Chicago, IL.
- 2016 Rudolph, KE. Contextual drivers of firearm violence. Oral presentation at the Society for Epidemiologic Research Conference, Miami, FL.
- 2016 Rudolph KE. Understanding site differences in the effects of the Moving to Opportunity Study on adolescent outcomes. Oral presentation at the Robert Wood Johnson Foundation Health & Society Scholars Conference, New Orleans, LA.
- 2015 Rudolph KE. Transportability in Encouragement-Design Interventions. Oral presentation at the Robert Wood Johnson Foundation Health & Society Scholars Conference, Chapel Hill, NC.
- 2015 Rudolph KE, van der Laan MJ. Transportability in Encouragement-Design Interventions. Poster at the Society for Prevention Research Conference, Washington, DC.
- 2015 Rudolph KE, Sanchez BN, Stuart EA, Greenberg B, Fujishiro K, Wand GS, Shrager S, Seeman T, Diez Roux AV, Golden SH. Association between job strain and aspects of the cortisol diurnal cycle: the Multi-Ethnic Study of Atherosclerosis. Poster at the Society for Epidemiologic Research Conference, Denver, CO.
- 2014 Rudolph KE, Diaz I, Rosenblum M, Stuart EA. Estimating population treatment effects from a survey sub-sample. Oral presentation as part of topic-contributed session Fresh Perspectives in Causal Inference II at the Joint Statistical Meetings, Boston, MA.
- 2013 Rudolph KE, Wand GS, Stuart EA, Glass TA, Marques AH, Duncko R, Merikangas KR. The association between cortisol characteristics and neighborhood disadvantage in a population-based sample of U.S. adolescents. Poster at the Society for Epidemiologic Research Conference, Boston, MA.
- 2012 Rudolph KE, Stuart EA, Glass TA, Merikangas, KR. Using propensity score subclassification to examine the association between neighborhood disadvantage and adolescent mental health. Poster at the Society for Epidemiologic Research Conference, Minneapolis, MN.
- 2012 Rudolph KE, Glass TA, Schwartz BS. Neighborhood psychosocial hazards and binge drinking among older adults. Poster at the Society for Epidemiologic Research Conference, Minneapolis, MN.
- 2010 Rudolph K, Gabor V, Morgan R. Environmental supports and barriers to physical activity in D.C. childcare centers. Oral presentation at the Annual American Public Health Association Conference, Denver, CO.

Invited Talks

- 2017 Better neighborhoods are harmful? Examining effect heterogeneity and mediation to understand puzzling results of the Moving to Opportunity Experiment, University of California, Davis, Graduate Group in Epidemiology, Davis, CA.
- 2017 Better neighborhoods are harmful? Examining effect heterogeneity and mediation to understand puzzling results of the Moving to Opportunity Experiment, University of California, San Francisco, NIDA T32 Training Program in Substance Abuse Treatment and Services Research, San Francisco, CA.
- 2015 Guns, cities, and statistics: Accurate statistical methods to inform policies to prevent violence and risk behaviors, University of California, Davis, School of Medicine, Department of Emergency Medicine, Sacramento, CA.
- 2014 Neighborhood Disadvantage and Cortisol, Drexel School of Public Health, Department of Epidemiology and Biostatistics, Philadelphia, PA.

Campus Talks

- 2017 Causal Mediation Analysis, University of California, Berkeley School of Public Health, Causal Inference II Course, Berkeley, CA.
- 2016 Synthetic control group approach for estimating policy effects, University of California, San Francisco, Methods for Evaluating Social Policy Effects on Health, San Francisco, CA.
- 2015 What works in Boston may not work in Los Angeles: Understanding site differences and generalizing effects from one site to another, University of California, Berkeley School of Education, the Berkeley Evaluation and Assessment Research Center, Berkeley, CA.
- 2015 Applying Targeted Maximum Likelihood Estimation, University of California, San Francisco, Doctoral Seminar in Epidemiology and Biostatistics, San Francisco, CA.
- 2015 Instrumental Variables, University of California, Berkeley School of Public Health, Advanced Epidemiology Seminar, Berkeley, CA.

Selected Press

The following articles were associated with:

Rudolph KE, Stuart EA, Vernick JS, Webster DW. Association between Connecticut's permit-to-purchase handgun law and homicides. *Am J Public Health*. 2015; 105(8):e49-54.

- The Washington Post: <http://www.washingtonpost.com/blogs/govbeat/wp/2015/06/12/gun-killings-fell-by-40-percent-after-connecticut-passed-this-law/>
- The New Yorker: <http://www.newyorker.com/news/daily-comment/an-honest-comedian-on-guns?intcid=mod-latest>
- CNN: <http://www.cnn.com/2015/06/12/us/gun-law-homicide-drop/>
- Newsweek:
<http://www.newsweek.com/handgun-law-connecticut-helped-decrease-gun-homicides-342363>

- U.S. News and World Report: <http://health.usnews.com/health-news/articles/2015/06/11/tough-handgun-law-linked-to-lower-gun-related-murder-rate-in-connecticut>
- Reddit's front page: http://www.reddit.com/r/science/comments/39pazx/connecticuts_permit_to_purchase_law_in_effect_for/
- The Baltimore Sun: <http://www.baltimoresun.com/news/opinion/readersrespond/bs-ed-\handgun-licensing-20150611-story.html> and <http://www.baltimoresun.com/news/maryland/politics/blog/bs-md-van-hollen-gun-20150611-story.html>
- San Francisco Chronicle: <http://www.sfgate.com/news/article/Connecticut-gun-permit-law-prompts-federal-6321880.php>
- Philadelphia Inquirer: <http://www.philly.com/philly/blogs/attytood/And-then-theres-guns.html>
- WNPR: <http://wnpr.org/post/new-analysis-attempts-quantify-impact-handgun-regulations-state#stream/0>

Professional Experience

Research

- 12/2017 - present **Assistant Professor**
Emergency Medicine, School of Medicine
University of California, Davis
- 08/2016 - 11/2017 **Postdoctoral Scholar**
Department of Epidemiology
University of California, Berkeley
K99 funded by NIDA
- 09/2014 - 07/2016 **Health and Society Scholar**
Robert Wood Johnson Foundation
University of California, San Francisco
University of California, Berkeley
- 02/2014-08/2014 **Postdoctoral Fellow**
Department of Mental Health
Johns Hopkins School of Public Health, Baltimore, MD
Drug Dependence and Epidemiology Training Program
Advised by Dr. Elizabeth Stuart
- 04/2013-08/2014 **Statistical Consultant**
Georgetown University, Washington, DC
Center for Child and Human Development
Partners for a Healthy Baby Evaluation
- 09/2012-01/2013 **Graduate research assistant** to Dr. Elizabeth Stuart
Department of Mental Health
Johns Hopkins School of Public Health, Baltimore, MD
Developed conference material on statistical methods for missing data, developed material for Causal Inference course.
- 12/2010-06/2013 **Graduate research assistant** to Drs. Derek Cummings and Justin Lessler
Department of Epidemiology
Johns Hopkins School of Public Health, Baltimore, MD
Performed systematic reviews of the incubation periods of multiple viruses.

Teaching Experience

2017	Instructor - Epidemiology Journal Club for Doctoral Students Division of Epidemiology University of California, Berkeley School of Public Health, Berkeley, CA
2013	Teaching assistant - Spatial Analysis and GIS I Department of Biostatistics Johns Hopkins School of Public Health, Baltimore, MD
2013	Teaching assistant - Spatial Analysis and GIS II Department of Biostatistics Johns Hopkins School of Public Health, Baltimore, MD
2011-2013	Teaching assistant - Fundamentals of Epidemiology and Biostatistics Department of Epidemiology Johns Hopkins School of Public Health, Baltimore, MD
2012	Teaching assistant - Methodological Challenges in Epidemiological Research Department of Epidemiology Johns Hopkins School of Public Health, Baltimore, MD
2012	Teaching assistant - Doctoral Seminar in Epidemiology Department of Epidemiology Johns Hopkins School of Public Health, Baltimore, MD

Non-Academic

09/2010-12/2010

Consultant

Altarum Institute, Washington, DC

Designed program evaluations for the State of Michigan's Communities Putting Prevention to Work grant programs.

Conducted quantitative data analysis for several CDC-funded projects, including ACHIEVE and the State of Michigan's School Nutrition Standards grant program.

06/2008-08/2010

Policy Associate

Altarum Institute, Washington, DC

Project Management: Managed program evaluation projects contracted by the Health Resources and Services Administration (HRSA) of HHS.

Evaluation Design: Designed program evaluations for the Maternal and Child Health Bureaus Early Childhood Comprehensive Systems Initiative, Texas' Medicaid case management program, HRSA's Bureau of Health Professions' minority health professions grant program, and Michigan's Building Healthy Communities grant program.

Qualitative data analysis: Analyzed data obtained from focus groups, in-depth interviews, and data abstraction using NVivo qualitative analysis software.

Quantitative data analysis: Led teams in analysis of primary and secondary data using STATA and SAS statistical software.

Report writing: Co-authored several reports to HHS' Office of Women's Health, HRSA's Bureau of Health Professions and Bureau of Healthcare Systems, and the Maternal and Child Health Bureau.

08/2007-01/2008

Intern

Howard County Health Department, Columbia, MD

Developed policies for health care access program to provide affordable, comprehensive health care coverage for all Howard County residents.

01/2008

Field Worker

Johns Hopkins Center for American Indian Health, Albuquerque, NM

Field work as a Family Health Liaison for a teen mother health behavior intervention on Navajo and Apache reservations.

06/2005-06/2007

Staff Scientist

Merck & Co. Inc., West Point, PA

Supported demonstration and licensing of Varicella manufacturing facility.

Provided technical and biological support for Varicella processing.

Project and People Management: Led project to re-design sterility testing.

Professional Activities

Reviewer

2015-2017	Social Science & Medicine
2016-2017	Epidemiology
2014-2017	American Journal of Epidemiology
2014-2016	PLOS ONE
2015	Journal of Clinical Epidemiology
2015	Ethnicity and Health
2015	Epidemiology and Psychiatric Sciences
2014	Journal of Youth and Adolescence
2014	BMC Public Health
2014	Environment International
2013	Journal of Epidemiology and Community Health